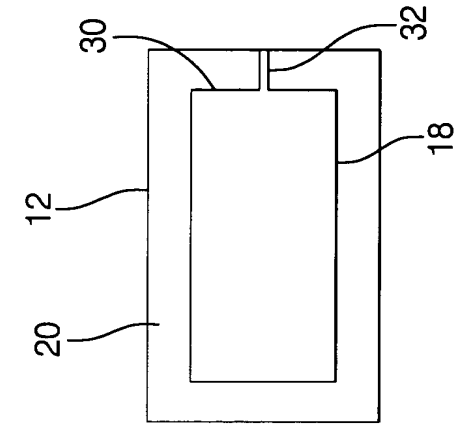

FIG. 1C

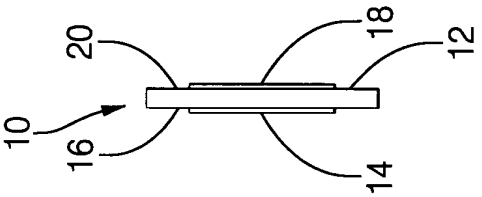

FIG. 1B

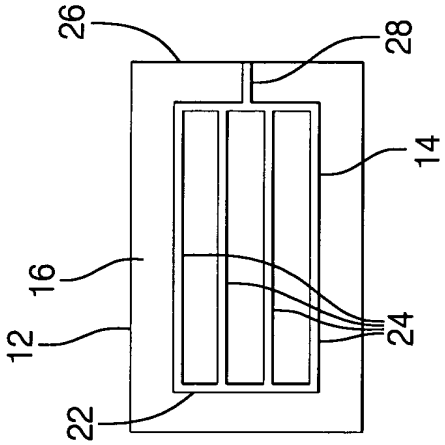

FIG. 1A

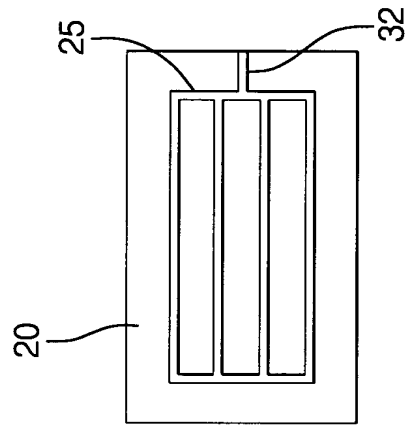

FIG. 2C

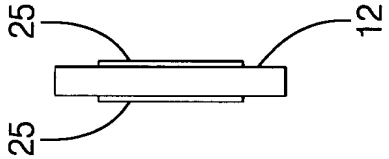

FIG. 2B

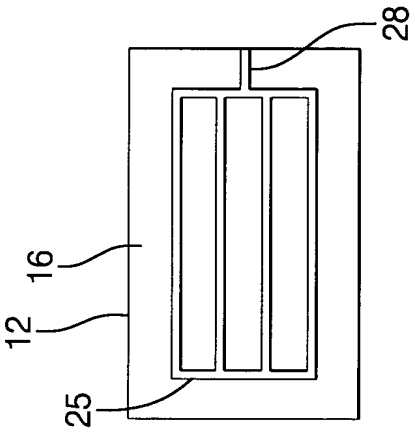

FIG. 2A

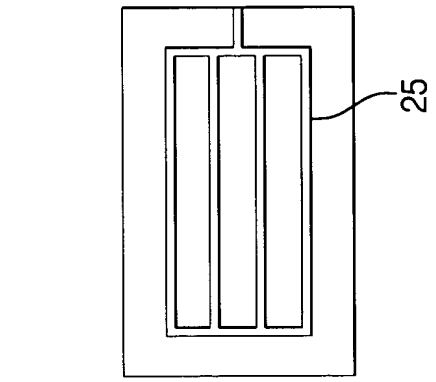

FIG. 3D

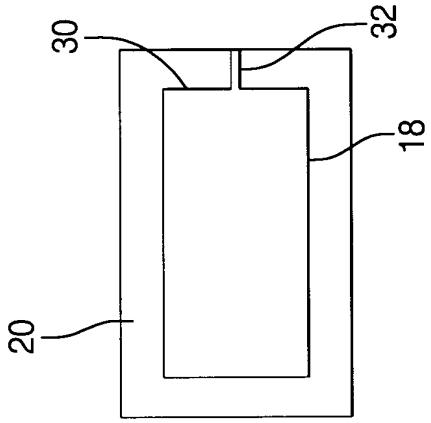

FIG. 3C

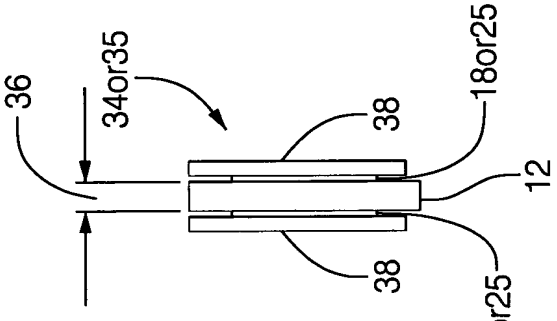

FIG. 3B

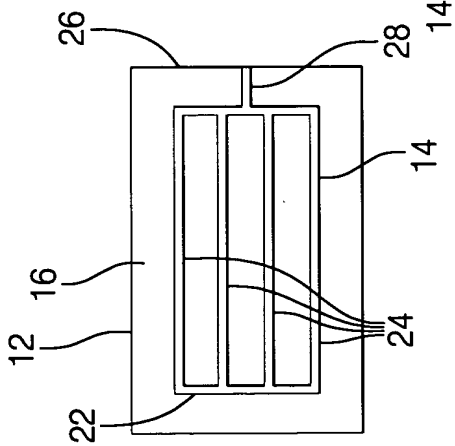

FIG. 3A

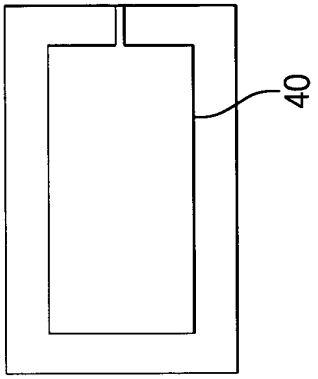

FIG. 4C

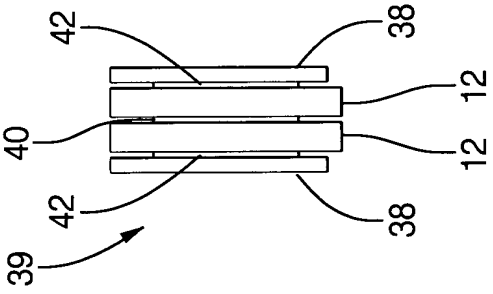

FIG. 4B

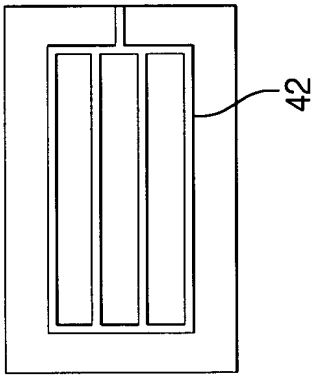

FIG. 4A

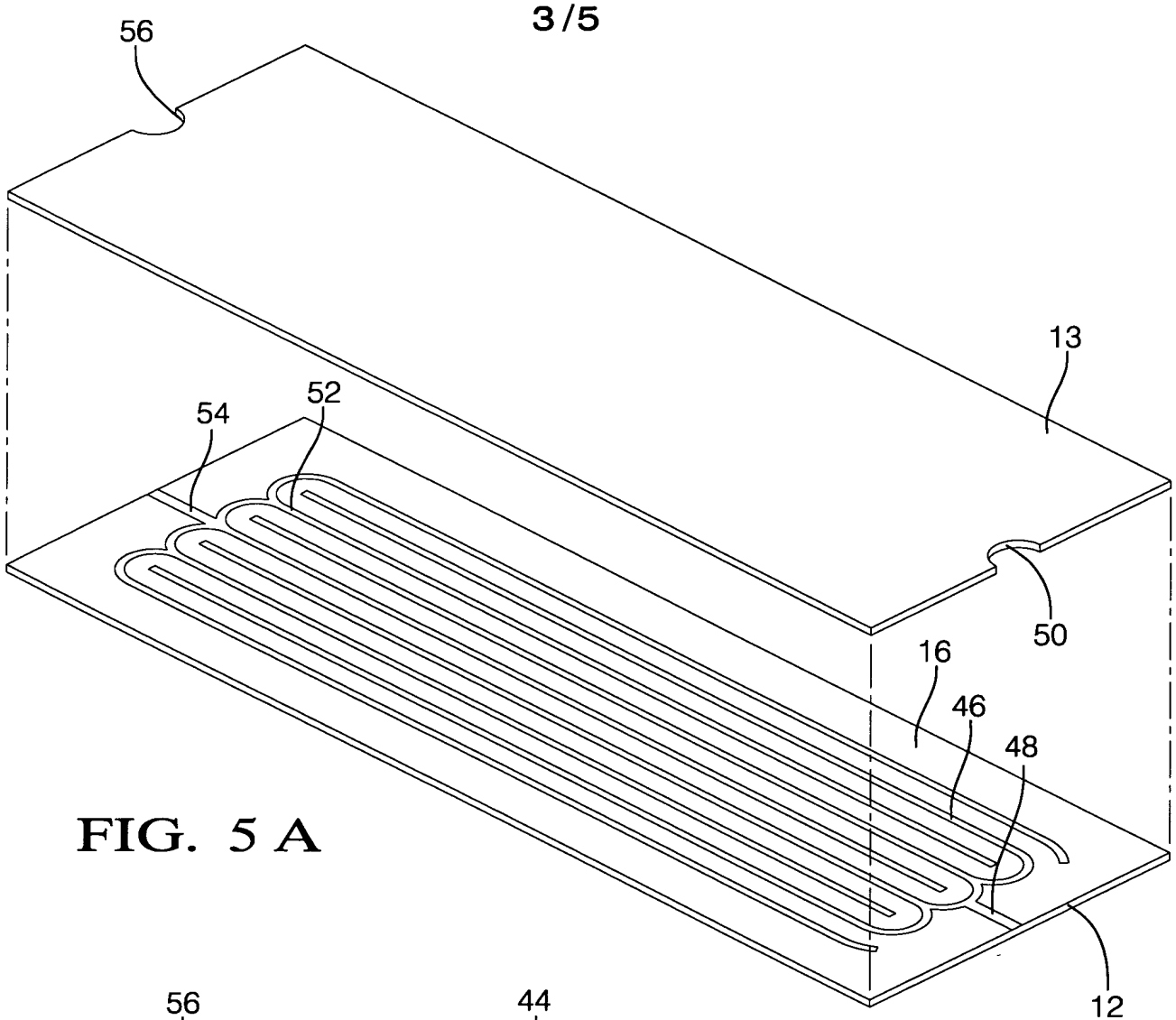

FIG. 5 A

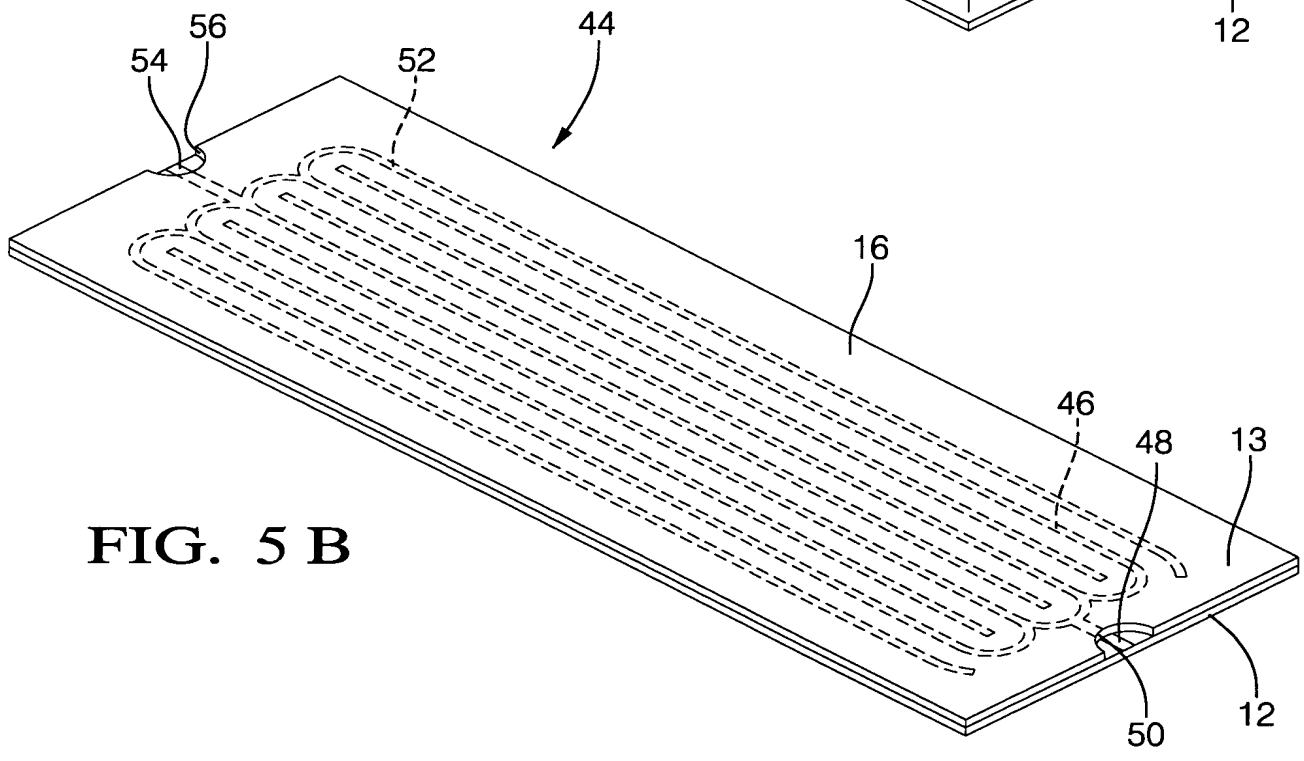

FIG. 5 B

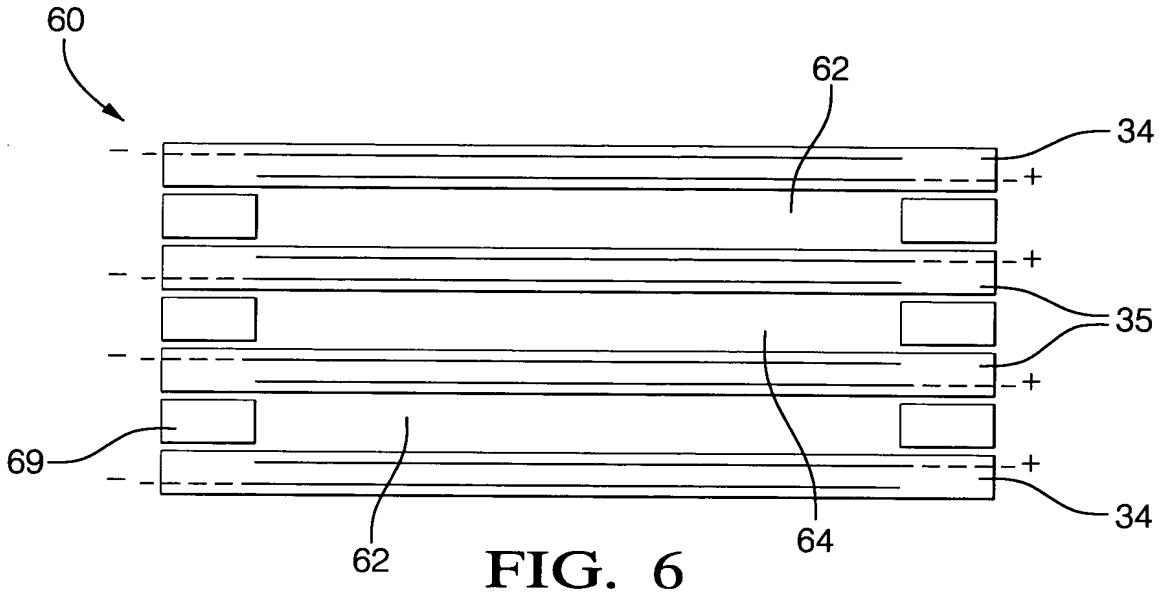

FIG. 6

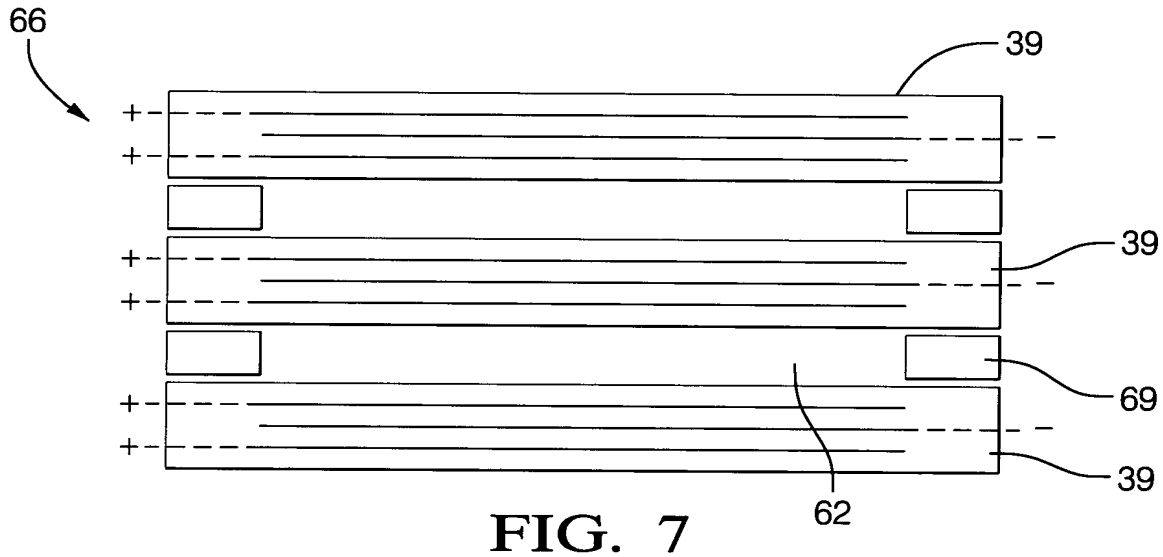

FIG. 7

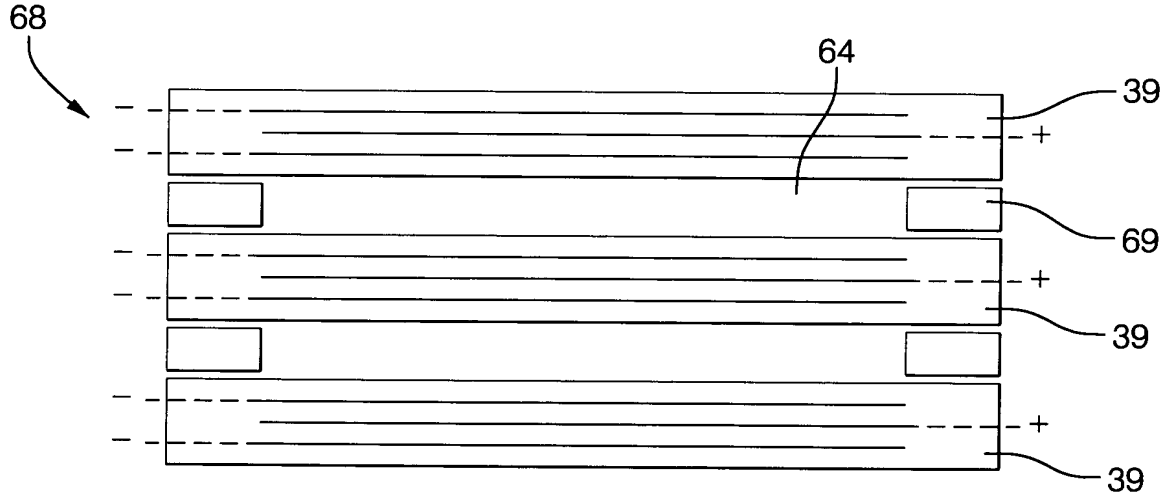

FIG. 8

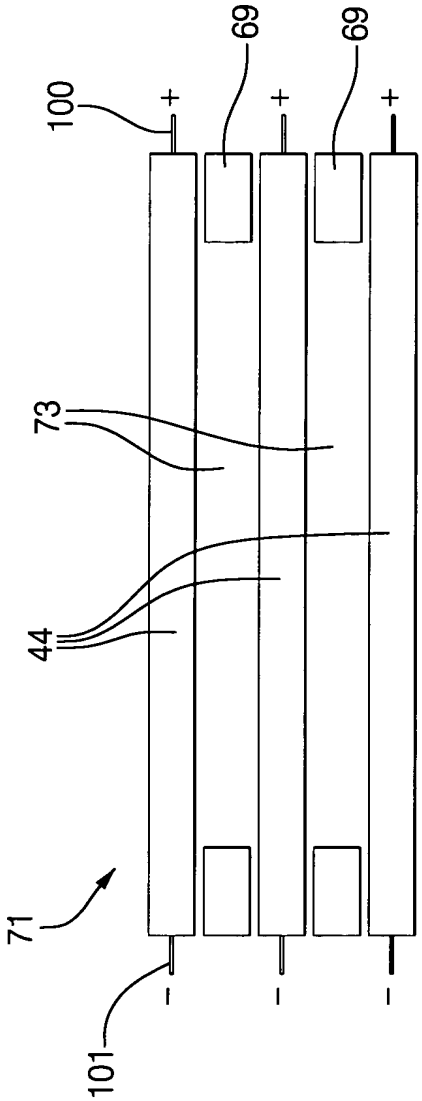
100
69
69
73
44
71
101
+
+
+
−
−
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FIG. 9

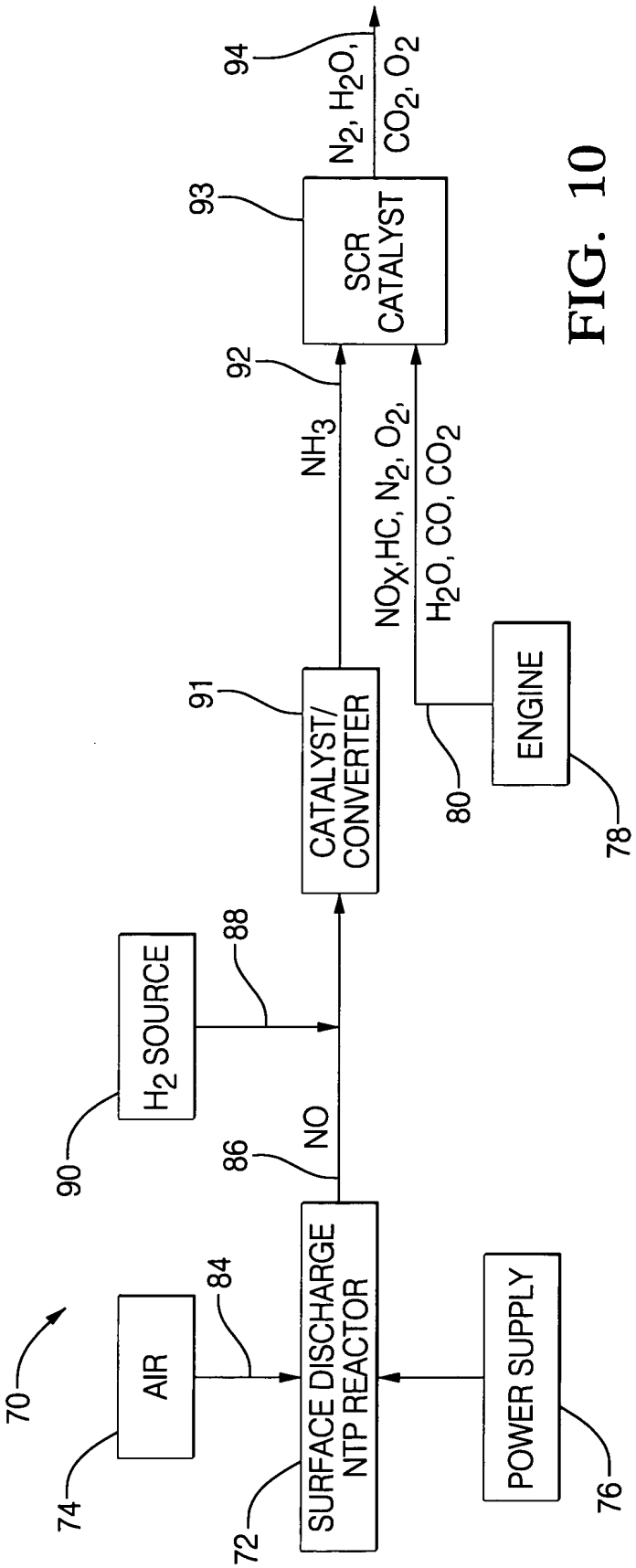
94
N_2, H_2O, CO_2, O_2
93
SCR CATALYST
92
NH_3
NO_X,HC, N_2, O_2, H_2O, CO, CO_2
91
CATALYST/ CONVERTER
80
ENGINE
78
88
H_2 SOURCE
90
86
NO
70
AIR
74
84
SURFACE DISCHARGE NTP REACTOR
72
POWER SUPPLY
76

FIG. 10